

2-10-4

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

501.27932V23

SERIAL NO.

101774405
(not yet assigned)

APPLICANT
MURAKAMI, et al.

FILING DATE

10 February 2004

GROUP

(not yet assigned) 2815

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>Y</i>	4 9 8 9 0 6 8	1/1991	Yasuhara et al	—	—	
<i>Y</i>	4 6 6 1 8 3 7	4/1987	Sono	—	—	
<i>Y</i>	5 1 9 8 8 8 3	3/1993	Takahashi et al	—	—	
<i>Y</i>	4 9 1 6 5 1 9	4/1990	Ward	—	—	
<i>Y</i>	4 7 8 8 5 8 3	11/1998	Kawahara et al	—	—	
<i>Y</i>	4 5 1 4 7 5 0	4/1985	Adams	—	—	
<i>Y</i>	6 0 8 1 0 2 3	6/2000	Murakami et al	✓	—	
<i>Y</i>	3 9 7 8 5 7 8	9/1976	Murphy	—	—	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
1 1 6 9 9 5 4	7/1989	Japan	—	—	YES NO
62 1 2 8 1 6 4	6/1987	Japan	—	—	
61 2 3 6 1 3 0	10/1986	Japan	—	—	
61 1 5 4 1 5 1	07/1986	Japan	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Y

DATE CONSIDERED

12/11/04

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
YN	5 4 4 2 2 3 3	8-95	Anjoh, et al.	257	666	
GN	5 5 3 9 2 5 0	7-96	Litano, et al.	257	666	
GN	5 5 6 3 4 4 3	10-96	Beng, et al.	257	666	
GN	5 3 1 9 2 4 1	6-94	Lim	257	676	
GN	5 2 5 2 8 5 4	10-93	Arita, et al.	257	676	
GN	5 3 5 9 2 2 4	10-94	Heinen, et al.	257	666	
GN	5 3 2 7 0 0 9	7-94	Igeta	257	676	
GN	3 7 8 3 3 4 8	1-74	Swartz, et al.			
GN	4 2 0 3 7 9 2	5-80	Thompson	437	220	
GN	4 2 0 9 3 5 5	6-80	Burns			
GN	4 3 5 5 4 6 3	10-82	Burns	437	217	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION
					YES NO
5 9 9 2 5 5 6	5-84	Japan			
6 0 1 6 7 4 5 4	8-85	Japan			
6 1 2 3 6 1 3 0	10-86	Japan			
6 1 2 4 1 9 5 9	10-86	Japan			
5 7 4 5 9 6 1	3-82	Japan			
5 9 4 3 5 3 4	3-84	Japan			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

"Thin Small Outline Packages", IBM TDB, vol. 34, No. 1, June 1991, pp. 358-359.

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<i>gpr</i>	4 6 3 7 1 3 0	1-87	Fujii, et al.		437	
<i>gpr</i>	4 6 6 1 8 3 7	4-87	Sono			
<i>gpr</i>	4 6 8 4 9 7 5	8-87	Takiar, et al.			
<i>gpr</i>	4 7 9 6 0 7 8	1-89	Phelps, Jr. et al			
<i>gpr</i>	4 8 0 7 0 1 8	2-89	Cellai	437	220	
<i>gpr</i>	4 8 0 9 0 5 3	2-89	Kuraishi			
<i>gpr</i>	4 9 9 6 5 8 7	2-91	Hinrichsmeyer et al			
<i>gpr</i>	5 0 4 9 9 8 1	9-91	Dehringer	357	81	
<i>gpr</i>	4 8 6 2 2 4 5	8-89	Pashby, et al.	357	70	
<i>gpr</i>	5 3 5 7 1 3 9	10-94	Yaguchi, et al.	257	666	
<i>gpr</i>	4 5 7 7 2 1 4	3-86	Schaper			
<i>gpr</i>	5 3 0 4 8 4 2	4-94	Farnworth, et al.	257	666	
<i>gpr</i>	5 9 1 4 5 3 0	6-99	Murakami, et al.			

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DOCUMENT NUMBER	DATE	COUNTRY	CLA SS	SUBC LASS	TRANSLATIO N
					YES NO
6 0 2 0 8 8 4 7	10-85	Japan			
6 3 4 4 7 4 9	2-88	Japan			
6 3 2 1 1 7 4 4	9-88	Japan			

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